N. B.
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ANNUAL REPORT

OF

THE FIRE MARSHAL

FOR THE PROVINCE OF

NEW BRUNSWICK

STATISTICS, 1964

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TO HIS HONOUR,
THE HONOURABLE J. LEONARD O'BRIEN, P.C.
Lieutenant-Governor of the Province of New Brunswick.

May it please Your Honour:—

I have the honour to submit herewith the Annual Report of the Fire Marshal, Province of New Brunswick, for the calendar year ended December 31st, 1964.

I have the honour to be,
Sir,

Your obedient servant,

LOUIS J. ROBICHAUD, Q.C.
ATTORNEY-GENERAL.

HON. LOUIS J. ROBICHAUD, Q.C.,

Attorney-General,
Province of New Brunswick,

FREDERICTON, N. B.

Sir:—

Pursuant to Section 5 of the Fire Prevention Act, 1952, I have the honour to submit the Annual Report of the Fire Marshal for the year ending December 31st, 1964.

The recorded Fire Losses in New Brunswick compiled from Adjusted Reports received at this Office during the year are placed at $4,285,010, caused by 1,750 fires, as compared with a loss of $4,529,053, caused by 1,637 fires in 1963, a decrease of $244,043 in the total loss with an increase in the number of fires recorded of 113. The report shows a decrease of $287,150 in the Insured Loss and an increase of $43,107 in the Uninsured Loss.

Table No. 1 is as previously shown. No new Communities or Municipalities were added during the year.

Table No. 2 contains an analysis of the number of fires and losses as related to individual causes.

Table No. 3 contains an analysis of the number of fires and losses in the various occupancy classifications.

Table No. 4 contains a summary of losses as they are related to both occupancy classification and cause of fire.

Table No. 6 Population figures shown here are taken from the official 1961 Census.—Per Capita Losses are also shown here. It will be noted that the lowest recorded Per Capita Loss was .009, while the highest was $192.22. The Provincial Per Capita Loss for 1964 is $7.17 as compared with $7.57 for 1963, a decrease of $.40 per Capita.

Table No. 7 shows that the fire waste in this Province for the past ten year period amounted to $38,816,358 with $9,656,343 not being covered by insurance.

Table No. 8 Shows that 29 fires with a loss of $20,000 or over, caused a total loss of $2,189,701, a decrease of 4 in the number of fires in this group and a decrease in the loss of $312,217 as compared with the 1963 total of $2,501,918. Six of these fires show individual losses of over $100,000 for a total of $1,282,865. Three of the six fires occurred in Manufacturing Buildings, two occurred in Saw Mills and one R. C. Church Building. The largest individual loss suffered in the Province during 1964 occurred in an R. C. Church at St. Leonard, Madawaska Co. N. B., the second largest was a Saw Mill at Juniper, Carleton County, N. B.

Table No. 9 This Table lists losses $25.00 and under. Although included as regular fires for accurate record purposes these losses are actually known as "nuisance fires" resulting chiefly from Careless Smoking, the damage being to Household Effects and personal articles such as clothing. Unfortunately, the necessity of recording such losses adds greatly to our number of fires. This year a total of 245 fires occurred out of the over-all total of 1,750, although the loss is only $4,405.

Table No. 10 Shows 14 recorded fatalities for the year 1964 as compared with 21 for 1963, a decrease of 7. These are distributed as follows — 5 men, 3 women and 6 children. This Table also shows 22 persons injured — 11 men, 2 women and 9 children, an increase of 14 over 1963, or a combined total of 36 Fire Casualties for the year 1964 as compared with 29 for 1963, an increase of 7. The causes are clearly defined and indicate in most cases extreme carelessness to well advertised and publicized safety practices.

Table No. 2 Shows that from the losses of known causes, the highest sustained was Electrical, caused by 266 fires and a loss of $1,376,822, as compared with 260 fires and a loss of $1,454,696 for the year 1963, this represents an increase of 6 in the number of fires and a decrease of $77,874 in the loss from the previous year. The loss from fires of Unknown Origin comes second highest with 201 fires recorded and a loss of $1,097.621, a decrease in the number of fires of 59, and an increase in the Property Loss over 1963 of $515,795. Heating Equipment and Installations caused 413 fires and a loss of $614,783, which includes Chimneys, Flues, Pipes, etc. Smoking and Smokers' Carelessness were responsible for 472 fires, with a loss of $142,786. Children playing with matches and careless handling of Matches caused 45 fires with a loss of $37,492. Losses from 79 fires caused to Unrodded Buildings by Lightning, caused a loss of $44,660. Under Petroleum Products, Blow Torches and Welding Torches, 14 fires are recorded with a loss of $54,489 while improper handling and storage of Petroleum Products caused 39 fires, the loss amounted to $174,089.

Table No. 3 Shows that in Protected areas 689 Dwelling fires caused a loss of $322,985, and Unprotected areas accounted for 596 fires with a loss of $1,186,213, which includes losses to Farm Dwellings of $92,813. All other types of occupancies with their respective losses are listed in detail in this Table. There were 10 fires to School and College Buildings (non-resid.) during the year 1964, with a loss of $61.538. It is noted that School fires decreased by 3 as compared with the 1963 figures. The total loss for 1964 is shown at $61,538 as compared with $136,196 for 1963, a decrease of $74,658.

There has been no great change in the work of your Fire Marshal's Branch during the year except that all phases of our work and responsibilities are increasing due to the population growth and development of our Province. To meet this ever increasing work-load and keep abreast of an expanding Province, recommendations for Staff increase and other organization and establishment changes of this Branch were submitted during the year.

There has been no change in Staff personnel or distribution. The Fire Marshal was appointed Principal of the Eastern Division of the Fire Investigation School and the location of the 1965 School moved to New Brunswick to better serve the Police and Fire Departments of Eastern Canada, particularly The Atlantic Provinces. Through the co-operation of the Director of The Maritime Ranger School our school will be held at this institution from May 17-21-65. Already the attendance is over-subcribed with a total of 65 Senior Police and Fire Officials seeking admission to this School.

As will be noticed from the detailed information contained in this Report, there has been no great change in the cause of fires. In spite of all our efforts to educate the public, particularly those in Rural areas against what apparently is an old and established practise, using Petroleum Products or fuel oil to start or bolster solid fuel fires, still continues to be the chief cause of our fire deaths.

We have just been advised by The Secretary of The Royal Canadian Humane Association that a silver medal, their second highest award for bravery in life saving has, on our recommendation been awarded to Robert Roy, a 13 year old boy of Milltown, N. B., for saving the lives of other members of his family in a fire which occurred at The Ledge, Charlotte County, N. B. on February 29th, 1964, which unfortunately took the lives of two members of the family. Robert himself was severely burned but has recovered. A suitable presentation ceremony will be held in due course.

Once again we have experienced a year free of fires of any consequence in institutions of all types, hospitals, schools, Homes for the Aged, Boarding Homes for Children, Places of Amusement and Places of Public Assembly, etc. All of these institutions received special attention from this Office.

We are convinced that an energetic inspection and education campaign aimed at reaching all segments of the Province's population, with particular attention being paid to our youth, is the key to reduced fire losses and loss of life from fire. It is gratifying to be able to report that we seem to be holding the line in this respect, in fact, taking into consideration the Province's growth and expansion, we actually record a reduction in fire losses, fire deaths and fire casualties when we compare them with loss records over the past twenty years.

No education or inspection campaign can succeed without public interest and support. If and when firmness is required, there should be no hesitation to be firm when lives and property are at stake. Fortunately, due to the excellent support and co-operation we receive from the citizens of this Province, the cases where we must be firm or take court action to have our recommendations carried out are extremely rare, therefore, we must share our good record with a co-operative public and most satisfactory public relations. The slogan "FIRE PREVENTION IS EVERYBODY'S BUSINESS" seems to be well accepted by the people of this Province.

A number of new projects are planned for the year ahead for we accept the challenge that fires can be reduced through hard work, co-operation, support and understanding on the part of Officials and citizens alike, but only if this prob'em is approached in this manner.

In conclusion, Sir, I wish to express appreciation of the support and co-operation received from all Government Departments, Insurance Companies, Insurance Adjusters, the Royal Canadian Mounted Police and Municipal Police Forces, the Fire Underwriters Investigation Bureau, the N. B. Board of Underwriters and all others with whom we have the pleasure to work. The splendid friendly co-operative relations existing between this Department and all Fire Chiefs and members of their Departments continued throughout the year. To my loyal and efficient Staff I extend my sincere thanks for a job well done. We look back on a year of accomplishment and look forward to a year of still greater effort in all the many and varied duties we perform.

I have the honour to be,

Sir,

Your obedient servant,

E. J. STURGEON,
Fire Marshal.

Fredericton, N. B.
February 26th, 1965.

TABLE No. 1

Showing the number of fires in the Province of New Brunswick, with the estimated amounts of losses suffered and amounts covered by insurance for the year 1964

COUNTY	No. of Fires	Loss	Insurance Loss	Uninsured Loss
ALBERT COUNTY	14	$ 320,973	$ 195,637	$ 125,336
Albert Village	1	70	70	
Alma				
Coverdale	9	1,792	1,792	
Hillsboro				
Riverside				
CARLETON COUNTY	27	87,941	60,717	27,224
Bath	2	2,091	2,091	
Bristol	5	1,113	1,113	
Centreville	3	15,325	11,282	4,043
Florenceville	4	12,570	9.956	2,614
Hartland	3	4,462	4,462	
Woodstock	24	49,008	42,378	6,630
CHARLOTTE COUNTY	30	57,227	48,584	8,643
Milltown	1	3,118	3,118	
St. Andrews				
St. George	1	6,500	2,000	4,500
St. Stephen	2	78	78	
GLOUCESTER COUNTY	89	413,396	320,879	92,517
Bathurst	27	30,132	22,211	7,921
Caraquet	1	25	25	
Grand Anse	1	650	650	
Shippegan	7	110,552	78,182	32,370
South Bathurst	1	615	615	
Tracadie	16	61,289	26,595	34,694
KENT COUNTY	10	52,123	39,744	12,379
Buctouche	3	3,469	3,469	
Harcourt	1	284	284	
Rexton	2	488	488	
Richibucto	1	10,472	10,472	
St. Louis de Kent				
KINGS COUNTY	31	289,798	250,859	38,939
Apohaqui	1	400	400	
Fair Vale	2	2,463	2,463	
Hampton	1	125	125	
Havelock	1	6,600	3,000	3,600
Norton				
Pamdenec				
Penobsquis				
Quispamsis	2	1,235	1,235	
Rothesay	3	265	265	
Sussex	14	10,687	10,687	
Westfield	1	20	20	
MADAWASKA COUNTY	53	57,439	40,397	17,042
Clair	7	799	799	
Edmundston	91	29,134	29,134	
Riviere Verte				
St. Basile	7	1,891	1,091	800
St. Leonard	6	320,233	320,233	
NORTHUMBERLAND COUNTY	46	91,592	68,842	22,750
Blackville	2	14,050	50	14,000
Boiestown	2	19,607	11,000	8,607
Chatham	5	99,589	46,989	52,600
Doaktown				
Douglastown	1	124	124	
Loggieville	2	16,315	5,315	11,000
Millerton	1	12,423	10,000	2,423
Nelson and Chatham Head				
Newcastle	2	77,322	71,160	6,162
Rogersville				
TOTALS FORWARD	566	$2,297,874	$1,761,080	$ 536,794

TABLE No. 1—(Continued)

Showing the number of fires in the Province of New Brunswick, with the estimated amounts of losses suffered and amounts covered by insurance for the year 1964

COUNTY	No. of Fires	Loss	Insurance Loss	Uninsured Loss
BROUGHT FORWARD	566	$2,297,874	$1,761,080	$ 536,794
QUEENS COUNTY	41	157,409	121,284	36,125
Cambridge-Narrows				
Chipman	17	50,349	37,999	12,350
Gagetown	8	21,667	12,787	8,880
Minto	8	18,115	16,955	1,160
RESTIGOUCHE COUNTY	31	74,885	47,365	27,520
Atholville	8	7,121	7,121	
Campbellton	42	70,941	49,176	21,765
Colborne	2	2,656	2,656	
Dalhousie	23	42,023	33,649	8,374
Eel River Crossing	6	6,445	6,445	
Kedgwick	9	26,897	14,884	12,013
St. Quentin	4	3,332	3,332	
SUNBURY COUNTY	30	61,778	44,005	17,773
Fredericton Junction				
Oromocto	5	5,620	5,620	
SAINT JOHN COUNTY	29	30,536	29,822	714
East Saint John (Par. Simonds)	31	161,604	122,662	38,942
Lancaster	48	50,143	46,143	4,000
Saint John City	232	440,667	401,603	39,064
St. Martins				
VICTORIA COUNTY	42	88,794	66,721	22,073
Andover	7	28,520	26,520	2,000
Grand Falls	47	19,819	19,819	
Perth	5	3,682	682	3,000
Plaster Rock	8	4,474	4,324	150
WESTMORLAND COUNTY	21	48,810	43,783	5,027
Dieppe	8	6,139	4,639	1,500
Dorchester	5	4,459	4,459	
Lewisville	6	272	272	
Memramcook	3	13,247	6,247	7,000
Moncton	140	91,537	80,238	11,299
Petitcodiac	4	1,076	1,076	
Point du Chene	3	150	150	
Port Elgin				
Sackville	9	4,378	4,378	
Salisbury				
Shediac	5	1,437	1,220	217
St. Anselme				
St. Joseph				
YORK COUNTY	72	110,026	83,741	26,285
Canterbury				
Fredericton	150	247,328	198,045	49,283
Harvey Station	5	416	416	
Marysville	16	3,331	2,331	1,000
McAdam	6	729	729	
Napadogan				
Nashwaaksis	37	62,435	41,585	20,850
Stanley	1	32	32	
Barker's Point	10	13,857	13,857	
TOTALS	1,750	$4,285,010	$3,369,852	$ 915,158

TABLE No. 2

ANALYSIS OF CAUSES OF FIRE for the Year 1964

Case No.	CAUSE	No. of Fires	Amount of Loss	Insurance Loss	Uninsured Loss
	ELECTRICAL				
1.	Appliances	76	55,523	53,050	2,473
2.	Exposure to Appliance (Clothing)	8	3,140	3,140	
3.	Batteries and Battery Chargers				
4.	Improper Entrances (Power Surges, etc.				
5.	Overloaded Circuits, Wiring, etc.	143	1,237,992	1,030,558	207,434
6.	Television and Radio	29	11,049	11,049	
7.	Miscellaneous	10	69,118	59,118	10,000
8.	Lightning (Buildings Rodded)				
9.	Lightning (Buildings not Rodded)	79	44,660	37,637	7,023
	EXPOSURE				
10.	From Adjacent Buildings	10	36,047	34,815	1,232
11.	From Grass Fires, Bonfires, etc.	20	44,068	26,340	17,728
12.	From Forest Fires				
13.	Miscellaneous	9	1,571	1,571	
	EXPLOSIONS				
14.	Fire Crackers, Sparklers, etc.	6	1,933	1,133	800
15.	Tar, Pitch, Paint, Varnish				
16.	Dynamite, Gun Powder, etc.				
	HEATING EQUIPMENT AND INSTALLATIONS				
17.	Chimneys, Flues, Pipes, etc.	152	155,301	120,950	34,351
18.	Exposure to (Clothing, etc.)	8	4,530	3,391	1,139
19.	Fire Places	20	9,753	9,253	500
20.	Insufficient Insulation				
21.	Natural and Artificial Gas Stoves	11	49,939	20,864	29,075
22.	Oil Burning Equipment	170	267,971	191,738	76,233
23.	Salamanders	1	1,454	1,454	
24.	Stoves, Furnaces, etc. (Solid Fuel)	31	86,191	54,874	31,317
25.	Steam and Hot Water Pipes				
26.	Sparks on Roofs	18	36,960	22,209	14,751
27.	Miscellaneous	2	2,684	2,684	
	INCENDIARISM				
28.	Indictable Offences				
29.	Mischief (not amounting to arson)	2	363	363	
	OVERHEATING AND DISPOSAL				
30.	Ashes, Rubbish, etc.	31	74,565	68,415	6,150
31.	Cooking Utensils	6	1,777	1,777	
32.	Friction	9	355,620	216,134	139,486
33.	Grease Oil, Wax, etc.	93	23,165	23,165	
34.	Hot and Molten Metal	1	547	547	
35.	Spontaneous Ignition	16	165,594	121,455	44,139
	PETROLEUM PRODUCTS				
36.	Blow Torches and Welding Torches	14	54,489	38,999	15,490
37.	Cleaning Purposes	1	196	196	
38.	Gas Installations and Piping	2	84,962	65,962	19,000
39.	Gasoline Motors	6	8,213	4,316	3,897
40.	Gases in Storage or in Transit				
41.	Improper Handling and Storage	9	56,640	21,133	35,507
42.	Lamps, Candles, etc.	7	1,360	1,010	350
43.	Lighting fires with				
44.	Paint and Varnish (Overheated)	4	8,739	8,239	500
45.	Portable Gasoline and Gas Stoves				
46.	Miscellaneous	10	13,979	11,039	2,940
	SMOKING AND MATCHES				
47.	Children Playing with Matches	32	36,770	27,406	9,364
48.	Careless Handling of Matches	13	722	722	
49.	Smoking in Bed	14	1,203	1,203	
50.	Other Smokers Carelessness	458	141,583	122,539	19,044
	UNKNOWN				
51.	Intruders	9	36,141	26,691	9,450
52.	Other Unknown	201	1,097,621	921,986	175,635
53.	**MISCELLANEOUS**	4	683	533	150
54.	Mischievous Acts of Children	5	194	194	
	TOTALS	1,750	$4,285,010	$3,369,852	$ 915,158

TABLE No. 3

Classification of PROPERTIES DAMAGED by Fire for the Year 1964

Class No.	CLASS OF PROPERTY	No. of Fires	Amount of Loss	Insurance Loss	Uninsured Loss
	ASSEMBLY (Group A)				
50.	Churches (Protected)	3	94,637	42,287	52,350
51.	Churches (Unprotected)				
52.	Churches Roman Catholic (Protected)	1	319,938	319,938	
53.	Churches Roman Catholic (Unprotected)	1	23,000	17,000	6,000
54.	Clubs and Lodge Rooms	5	2,765	2,765	
55.	Community Halls				
56.	Dance Halls	1	18,145	10,000	8,145
57.	Rinks and Exhibition Buildings	2	271	271	
58.	Schools and Colleges (non-resid.)	10	61,538	51,629	9,909
59.	Theatres		56,400	40,000	16,400
60.	Miscellaneous	1	55	55	
	COMMERCIAL (Group C)				
61.	Blacksmith Shops				
62.	Cold Storage and Refrigeration Plants				
63.	Henneries and Hatcheries				
64.	Laundries and Dry Cleaning	2	103	103	
65.	Machine Shops	2	11,115	8,175	2,940
66.	Office and Bank	9	11,962	11,962	
67.	Printing Establishments	2	4,740	4,740	
68.	Public Garages and Service Stations	21	236,037	175,225	60,812
69.	Potato Warehouses	3	12,231	12,231	
70.	Restaurants and Dining Halls	13	50,168	46,933	3,235
71.	Stores (Protected)	29	206,100	191,138	14,962
72.	Store Warehouses (Protected)	5	52,651	44,651	8,000
73.	Stores (Unprotected)	19	153,453	106,191	47,262
74.	Store Warehouses (Unprotected)	3	11,113	8,113	3,000
75.	Miscellaneous	3	6,263	5,943	320
	MANUFACTURING (Group C)				
76.	Factories (Protected)	6	429,271	354,627	74,644
77.	Factories (Unprotected)	2	1,466	1,466	
78.	Grist Mills, Flour & Feed Mills	1	984	984	
79.	Paper Mills				
80.	Pulp Wood and Loose Pulp				
81.	Saw Mills	8	581,459	413,279	168,180
82.	Woodworking Plants	3	8,854	7,854	1,000
83.	Sawn Lumber	3	13,039	13,039	
84.	Seafood Packing Establishments	4	10,009	9,059	950
85.	Warehouses	4	14,936	8,936	6,000
86.	Miscellaneous	9	40,721	40,471	250
	INSTITUTIONAL (Group B)				
87.	Homes for Children and Old People	1	353	353	
88.	Hospitals and Sanatoria	3	440	440	
89.	Private Nursing & Convalescent Homes				
90.	Prisons, Gaols and Asylums				
91.	Miscellaneous				
	RESIDENTIAL (Group D)				
92.	Apartment and Rooming Houses	174	103,434	87,216	16,218
93.	Dwellings (Protected)	689	322,985	289,446	33,539
94.	Dwellings (Unprotected)	516	1,093,400	793,701	299,699
95.	Dwellings — Farm	80	92,813	71,978	20,835
96.	Hotels	5	14,048	14,048	
97.	Hunting Lodges and Camps	7	21,430	5,184	16,246
98.	Mobile Homes, Trailers, etc.	10	18,330	18,330	
99.	Motels	8	3,525	3,525	
100.	Residential Colleges, Schools, etc.				
101.	Summer Cottages, Tourist Camps	31	78,406	67,774	10,632
102.	Miscellaneous	3	588	588	
	ACCESSORY (Group E)				
103.	Barns	22	68,355	43,075	25,280
104.	Detached Buildings and Sheds	15	29,158	20,958	8,200
105.	Private Garages	5	2,288	2,288	
106.	Miscellaneous	2	307	307	
	MECHANICAL (not stored)				
107.	Automotive	3	1,037	887	150
108.	Machinery	1	78	78	
109.	Marine	2	611	611	
	TOTAL	1,750	$4,285,010	$3,369,852	$ 915,158

TABLE No. 4

SUMMARY OF FIRE LOSSES BY MAJOR CAUSES AND OCCUPANCIES IN NEW BRUNSWICK DURING 1964

ITEMS	ORIGINATING CAUSES	ASSEMBLY 50 — 60	COM-MERCIAL 61 — 75	GARAGES 68	MANU-FACTUR-ING 76 — 86	RESI-DENTIAL 87 — 102	MISCEL-LANEOUS 103 — 109	TOTAL 1964	TOTAL 1963
1-7	Electrical	$414,664	$ 252,027	$ 33,593	$ 150,666	$ 503,411	$ 25,961	$1,380,322	$1,454,696
8-9	Lightning	25	2,457	10,000	286	31,842	50	44,660	87,507
10-13	Forest and Grass Fires	666	33,801			45,522	1,697	81,686	76,329
14-16	Explosions	95				142	1,696	1,933	440
17	Chimneys, Flues, Pipes, etc.		2,283		78	152,940		155,301	283,717
18-27	Heating Equip. & Inst'l	111,836	53,603	16,959	9,324	226,662	4,138	422,522	1,160,800
26	Sparks on Roofs					36,902	58	36,960	22,419
28-29	Incendiarism	113			250			363	8,684
30	Hot Ashes, Coals, Rubbish	607	12,120	7,500	29,567	24,102	669	74,565	2,951
31-34	Hot Grease, Oil, Metal, etc.		985		355,289	24,835		381,109	188,690
35	Spontaneous Ignition		4,638		117,439	40,567	2,950	165,594	12,270
36-46	Petroleum Products		20,627	136,605	650	68,448	888	227,218	152,345
42	Open Lights, Candles, etc.					1,360		1,360	6,534
47-50	Smoking and Matches	24,521	37,235	625	3,599	111,587	2,711	180,278	422,999
51-52	Unknown	24,222	100,042	30,755	433,591	481,147	60,505	1,130,262	618,152
53	Miscellaneous		81			91	511	683	30,520
54	Mischievous Acts of Child'n					194		194	
	TOTAL 1964	$576,749	$ 519,899	$236,037	$1,100,739	$1,749,752	$101,834	$4,285,010	
	TOTAL 1963	$280,494	$1,838,700	$191,500	$ 412,685	$1,717,610	$ 88,064		$4,529,053

TABLE No. 5

SUMMARY OF FIRES IN NEW BRUNSWICK FOR YEARS 1962, 1963, 1964

Month	1962				1963				1964			
	No. Fires	Property Loss	Insurance Loss	Loss not covered by Insurance	No. Fires	Property Loss	Insurance Loss	Loss not covered by Insurance	No. Fires	Property Loss	Insurance Loss	Loss not covered by Insurance
January	162	$ 164,080	$ 143,560	$ 20,520	154	$ 283,544	$ 216,223	$ 67,321	158	$ 615,225	$ 423,041	$ 192,184
February	204	429,919	393,159	36,760	115	389,537	339,486	50,051	151	429,228	341,053	88,175
March	187	404,080	323,443	80,637	144	259,394	222,771	36,623	159	235,669	186,661	49,008
April	188	363,760	320,622	43,138	165	847,392	747,296	100,096	175	420,676	314,934	105,742
May	171	177,248	145,167	32,081	140	418 282	336,890	81,392	146	141,167	98,993	42,174
June	162	243,955	186,230	57,725	129	383,120	296,577	86,543	138	620,214	539,838	80,376
July	159	165,415	135,739	29,676	126	180,051	153,967	26,084	117	97,516	80,240	17,276
August	154	139,063	106,949	32,114	142	266,681	221 287	45,394	146	216,486	168,783	47,703
September	141	277,502	198,460	79,042	106	125,052	91,415	33,637	139	334,071	242,963	91,108
October	140	344,464	300,783	43,681	101	183,975	107,565	76,410	97	353,943	264,797	89,146
November	153	160,968	131,375	29,593	140	395,175	199,854	195 321	142	257,720	216,232	41,488
December	151	284,718	217,439	67,279	175	796,850	723,671	73,179	182	563,095	492,317	70,778
	1,972	$3,155,172	$2,602,926	$ 552,246	1,637	$4,529,053	$3,657 002	$ 872,051	1,750	$4,285,010	$3,369,852	$ 915,158

TABLE No. 6

COMPARATIVE LOSSES IN MUNICIPALITIES

MUNICIPALITY	Estimated Population (1961 Census)	Property Loss 1964	Loss Per Capita 1964	Average Annual Loss Per Capita 1960-64
BATHURST	5,494	$ 30.132	$ 5.48	$ 9.16
CAMPBELLTON	9,873	70,941	7.19	4.80
CARAQUET	2,800	25	.09	.....
CHATHAM	7,109	99,589	14.01	3.23
DALHOUSIE	5.856	42.023	7.18	3.19
DIEPPE	4.032	6.139	1.52	.46
EDMUNDSTON	12,791	29.134	2.28	4.05
FREDERICTON	19,683	247,328	12.57	15.19
GRAND FALLS	3,983	19.819	4.98	6.43
HARTLAND	1,025	4,462	4.35	19.99
MARYSVILLE	3,233	3,331	1.03	3.63
MILLTOWN	1,892	3,118	1.65	1.77
MONCTON	43,840	91.537	2.09	6.89
NEWCASTLE	5,236	77.322	14.77	9.27
SAINT JOHN	55,153	440.667	7.99	8.54
ST. ANDREWS	1,531	.....	.....	4.85
LANCASTER	13,848	50,143	3.62	2.20
OROMOCTO	12.170	5.620	.46	.20
ROTHESAY	782	265	.34	.99
ST. GEORGE	1,133	6.500	5.74	2.68
ST. LEONARD	1,666	320,233	192.22	40.23
ST. STEPHEN	3,380	78	.02	6.10
SACKVILLE	3,038	4,378	1.44	12.07
SHEDIAC	2,159	1,437	.67	14.53
SHIPPEGAN	1.631	110,552	67.78	42.04
SUSSEX	3,457	10,687	3.09	2.22
WOODSTOCK	4,305	49,008	11.38	15.66

COMPARATIVE LOSSES

	Estimated Population	Property Loss 1964	Loss Per Capita 1964	Loss 1963
Six N. B. Cities	155,188	$ 929,750	$ 5.99	$1,891,447
Twenty One N. B. Towns	75,912	794,718	10.47	536,767
Rural	366,836	2,560,542	6.98	2,100,839
Provincial Per Capita Loss	597,936	$4,285,010	$ 7.17	$4.529,053

TABLE No. 7

FIRE LOSSES IN NEW BRUNSWICK FOR TEN YEARS, 1955-1964 Inclusive

Year	No. Fires	Property Loss	Insurance Loss
1955	2,250	3,127,983	2,226,173
1956	2,232	3,918,448	2,642,121
1957	1,824	4,448,217	3,432,997
1958	2,196	3,191,935	2,274,595
1959	2,438	3,726,872	2,793,149
1960	2,204	4,766,056	3,463,617
1961	2,081	3,667,612	2,697,583
1962	1,972	3,155,172	2,602,926
1963	1,637	4,529,053	3,657,002
1964	1,750	4,285,010	3,369,852
	20,584	$38,816,358	$29,160,015

TABLE No. 8

CHIEF FIRES FOR THE YEAR 1964 — $20,000 and Over

DATE	OCCUPANCY	LOCATION	Property Loss	Insured Loss	Presumed Cause
Sept. 15/63	Merc. Store and Dwelling	Lower Caraquet	$ 21,841	$ 21,841	Electrical
Dec. 17/63	Manufacturing Plant	Saint John	170,566	170,566	Unknown
Jan. 1/64	Single Dwelling	Lancaster	40,883	36,883	Unknown
Jan. 1/64	Dwelling	Newcastle Bridge, Queens Co.	29,059	14,379	Overheated Coal Burning Furnace
Jan. 6/64	Club Room	Dalhousie, Rest. Co.	30,503	22,129	Faulty Wiring
Jan. 7/64	Saw Mill	Juniper, Carleton Co.	314,636	190,000	Friction in Bearing
Jan. 8/64	Dwelling	Andover, Victoria Co.	21,618	21,618	Electrical
Jan. 10/64	Private Dwelling	McNamee, North'd Co.	21,000	12,000	Wood Furnace
Jan. 12/64	Protestant Church and Exposures	Chatham, North'd Co.	95,802	43,452	Faulty Operation of Oil Furnace
Feb. 17/64	Merc. Store and Dwelling	Tracadie, Glo. Co.	38,987	10,987	Faulty Operation of Propane Water Heater
Mar. 11/64	Merc. Store, Stock and H. H.F.	Beechwood, Car. Co.	28,414	19,827	Electrical
Mar. 18/64	Merc. Stores and Dwelling Apartments	Edmundston, Mad. Co.	21,166	21,166	Faulty Electrical Outlet Box
Mar. 21/64	Restaurant and Variety Store	Saint John	21,937	20,437	Faulty Wiring
April 6/64	Steel Plant and Dwelling	Fredericton	116,783	78,000	Spontaneous Ignition
April 12/64	Barn	Keswick Ridge Road to McKeen's Corner, York C.	20,000	13,300	Unknown
April 16/64	R. C. Church	Nashwaaksis, York Co.	23,125	17,125	Cigarette
May 7/64	Warehouse, Music Room and Florist Shop	Moncton	32,329	24,329	Undetermined
May 20/64	Service Station	Campbellton, Rest. Co.	39,007	18,500	Careless Handling of Gasoline
May 31/64	R. C. Church	St. Leonard, Mad. Co.	319,938	319,938	Electrical
June 1/64	Day School	Inkerman Ferry, Glo. Co.	38,150	32,470	Short Circuit
June 12/64	Saw Mill and Exposures	Nashwaaksis, York Co.	28,258	13,408	Friction
July 6/64	Merc. Stores, Barber Shop and Apartment Dwellings	Newcastle, North'd Co.	65,557	59,395	Electrical
July 7/64	Service Station, Ocean Steel Stock and Equipment, etc.	Chesley St., Saint John	84,940	65,940	Leak in Propane Gas Line (Explosion)

TABLE No. 8

CHIEF FIRES FOR THE YEAR 1964 — $20,000.00 and Over (Continued)

DATE	OCCUPANCY	LOCATION	Property Loss	Insured Loss	Presumed Cause
July 11/64	Two Apartment Dwelling	Chipman, Queens Co.	22,375	19,500	Unknown
Aug. 25/64	Dwelling and Theatre — Contents and Exposures	Shippegan, Glo. Co.	84,861	57,661	Faulty Wiring
Oct. 30/64	Pottery Mfg. Plant	Bayside Drive, East Saint John	135,942	99,500	Electrical
Nov. 27/64	Saw Mill	Plumweseep, Kings Co.	225,000	200,000	Unknown
Dec. 8/64	Coal Crusher Plant	Near Chipman, Queens County	28,641	28,641	Hot Coals—(Sparks)
Dec. 8/64	Stores and Apartments	Fredericton	68,383	58,383	Electrical Short Circuit
			$2,189,701	$1,711,375	

NOTE:—These 29 large fires $20,000.00 and over accounted for $2,095,309 of our total Provincial Loss of $4,285,010.

TABLE No. 9

Number of Petty Losses, Cigarette Scorches, etc., occasioning damage to Furniture, Clothing and Personal Effects of $25.00 or less.

Number Fires	Property Loss	Insurance Loss
245	$4,405.00	$4,405.00

NOTE:—

See reference to this Table in the remarks portion of the opening pages of this Report under heading Table No. 9.

TABLE No. 10

STATEMENT OF FATALITIES, 1964

ORIGINATING CAUSE	Men	Women	Children	Total
Electrical		1		1
Faultily installed Propane Gas Hot Water Heater		1	2	3
Gasoline used to bolster Wood Burning Kitchen Stove			1	1
Careless handling of Petroleum Products Weed Burner Exploded outside)	1			1
Careless handling of Petroleum Products (Using oil to bolster Coal Burning Stove)	1			1
Clothing ignited from Grass Fire. The fire was started to destroy dead grass and brush	1			1
Careless Smoking	1			1
Clothing ignited from Wood Stove	1			1
Unknown		1	3	4
	5	3	6	14

STATEMENT OF INJURED, 1964

ORIGINATING CAUSE	Men	Women	Children	Total
Using Gasoline to Bolster Wood Fire		1	4	5
Jug of Gasoline dropped on Kitchen floor and broke — fumes ignited by wood burning kitchen stove	2		3	5
Careless handling of gasoline (Used to bolster rubbish fire)			1	1
Careless handling of Petroleum Products (Weed Burner exploded outside)	1			1
Careless handling of Gasoline	1			1
Careless handling of Flammable Liquids (Naphtha Gasoline)	1			1
Gasoline Blow Torch exploded when accidentally left on Electric Stove and overheated		1		1
Children Playing with Cigarette Lighter		1		1
Careless Smoking	1			1
Improper handling of L.P. Gas Stove (In Trailer)	1			1
Oil Stove Explosion	3			3
Unknown	1			1
	11	2	9	22

TABLE No. 11

Report of Inspection Made By Fire Marshal's Staff, 1964

COUNTY	Inspections	Re-Inspections	Conditions Remedied	Investigations	F. M. Orders Served	Organization Meetings and Lectures
ALBERT	39	28	15	12	1	2
CHARLOTTE	60	38	12	9	1	—
CARLETON	55	27	20	16	1	3
GLOUCESTER	40	38	25	10	2	—
KENT	35	30	30	4	—	1
KINGS	60	40	40	15	1	1
MADAWASKA	150	90	75	12	2	4
NORTHUMBERLAND	48	20	20	12	2	2
QUEENS	75	50	30	10	2	1
RESTIGOUCHE	50	36	27	14	1	5
SUNBURY	90	70	55	15	—	—
SAINT JOHN	87	40	30	30	2	5
VICTORIA	60	30	25	7	2	2
WESTMORLAND	225	190	145	40	3	8
YORK	85	40	38	38	4	4
	1,159	767	587	244	24	38

PROSECUTIONS ENTERED DURING YEAR
CRIMINAL CODE

Charged	13
Convicted	5
Dismissed	2
Pending	6

FIRE PREVENTION ACT

Charged	Nil
Convicted	Nil

INSPECTION OF PUBLIC BUILDINGS, FIRE PREVENTION EDUCATION ACTIVITIES and LIGHTNING ROD ACT ENFORCEMENT

Hospitals Inspected		30
Plans of Buildings examined		240
Schools Inspected		60
Theatres Inspected		6
Dance Halls Inspected		15
Nursing and Homes for Aged inspected		60
Boarding Homes for Children		265
Hotels Inspected		25
Churches Inspected		4
Licensed Liquor Premises Inspected (Includes re-inspection)		140
Fire Prevention Lectures — Schools and Public		45
Number of Film Showings		500
(Classification of Film Showings — Schools —	100	
Hospital —	150	
Other —	250	
	500	
Number of persons in attendance at Lectures, etc.		15,000
Literature Distributed		250,000
Civil Defence Lectures and Meetings		Nil
Lightning Rod Inspection (1963-64 installations)		150
Miscellaneous Inquiries and Requests		16,000
Lightning Rod Licenses Issued		10
Fire Extinguisher Salesman Licenses Issued		38
Overdue Hotel License Fees collected		4
Coroners' Inquests involving Fire Deaths		2

FIRE PROTECTION INCREASES

Rural Districts Organized	5
New Fire Departments Organized	4
New Pumpers placed in action	4
New Alarm Systems Installed (Public and Private)	69